This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L9	0	("4.102,5765,355,2375,559,5975,917,6255,966,4835,998,7966,10,8,4716,137,9336,144,4876,144,7836,269,2036,275,6306.449,066").PN.	EPÓ; JPO:	2004/06/25 09:42	,
2	BRS	L10	26	US-4102576-\$.DID. OR US-5355237-\$.DID. OR US-5559597-\$.DID. OR US-5917625-\$.DID. OR US-5966483-\$.DID. OR US-5998796-\$.DID. OR US-6108471-\$.DID. OR US-6137933-\$.DID. OR US-6144487-\$.DID. OR US-6144783-\$.DID. OR US-6269203-\$.DID. OR US-6275630-\$.DID. OR	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 09:43	
3	IS&R	L11	4	(("20020050557") or ("20020054289")).PN.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 09:50	
4	BRS	L12	5	05-0459051-\$.010.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 09:50	
5	BRS	L13	0	10 and 11 and 12	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 09:50	
6	IS&R	L15	5	(("5917625") or ("6269203")).PN.	USPAT; US-PGP UB; EPO;	2004/06/25 10:59	-

	Error Definition	Err
1		0
2		0
3		0
4		0
5		0
6		0

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	L16	25	("4643519" "4773063" "4813756" "4926412" "5026131" "5029967" "5228103" "5278687" "5402511" "5473710" "5493393" "5515354" "5555330" "5682255" "5694230" "5703974" "5777763" "5796479" "5917625" "5966223" "5970190" "5999672" "6003222" "6005714" "6169613").PN.	USPAT	2004/06/25 11:05	
8	BRS	L17	3	15 and polari\$6	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 10:57	
9	IS&R	L18	52294		USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:05	
10	IS&R	L19	10138	(398/\$3).CCLS.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:05	
11	BRS	L20	60381	18 or 19	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:06	
12	BRS	L14	35	10 or 11 or 12	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:15	

	Error Definition	Err ors
7		0
8		0
9		0
10		0
11		0
12		0

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
13	BRS	L21	51506	20 and @ad < "20010827"	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:16	
14	BRS	L22	2009	21 and diffraction and reflection	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:16	
15	BRS	L23	193	22 and (first adj2 grating) and (second adj2 grating)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:16	
16	BRS	L24	134	23 and (multiplex\$3 or demultiplex\$3)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:17	
17	BRS	L25	10	(US-6137933-\$ or US-6563977-\$ or US-6275630-\$ or US-5805759-\$ or US-5450512-\$ or US-5311606-\$ or US-5278687-\$ or US-4747655-\$).did. or (US-20030002785-\$ or US-20020030814-\$).did.	USPAT; US-PGP UB	2004/06/25 11:47	
18	BRS	L26	8	25 and grating and polarization	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 11:48	
19	BRS	L27	6		USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:05	

	Error Definition	Err
13		0
14		0
15		0
16		0
17		0
18		0
19		0

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
20	BRS	L28	6	27 and reflect\$3	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:15	
21	BRS	L29	0	25 and (adjust\$4 near2 reflectivity)	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:14	
22	BRS	L31	1	30 and reflect\$4	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:14	
23	BRS	L32	6	27 and mirror	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:16	
					USPAT;		
24	BRS	L33	4	27 and gain and (equaliz\$3 or flatten for flattening or flatening or flatening or flaten)	US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 12:17	
25	BRS	L34	0	30 and transmitter and receiver	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 13:47	
26	IS&R	L35	2	("4747655").PN.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 13:46	

		Error Definition	Err ors
	20		0
	21		0
	22		0
	23		0
2	24		0
2	25		0
2	26		0

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
27	BRS	L36	0	35 and transmitter and receiver	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 13:47	
28	BRS	L37	4	25 and transmitter and receiver	USPAT; US-PGP UB;	2004/06/25 13:47	
29	IS&R	L30	2	("5805759").PN.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 14:43	
30	BRS	L38	1	30 and polarization	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 14:53	
					USPAT; US-PGP		
31	BRS	L39	2	30 and attenuat\$3	UB;	2004/06/25 14:59	
32	IS&R	L40	2	("5278687").PN.	USPAT; US-PGP UB; EPO; JPO; DERWE NT; IBM_TD B	2004/06/25 14:59	
33	BRS	L41	1	40 and amplifier	USPAT; US-PGP UB;	2004/06/25 14:59	

	Error Definition	Err ors
27		0
28		0
29		0
30		0
 		-
31		0
32		0
33		0

	Туре	L#	Hits	Search Text	DBs	Time Stamp	Comments
34	BRS	L42	10	(US-6137933-\$ or US-6563977-\$ or US-6275630-\$ or US-5805759-\$ or US-5450512-\$ or US-5311606-\$ or US-5278687-\$ or US-4747655-\$).did. or (US-20030002785-\$ or US-20020030814-\$).did.		2004/06/25 15:58	

	Error Definition	Err ors
34		0